

Substitute Form PTO-1449 (Modified) MAR 15 2004 37 CFR 1.98(b)	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 09531-033001	Application No. 09/918,242
	Information Disclosure Statement by Applicant (Use several sheets if necessary)			
	Applicant Stephen C. Ekker et al.		Filing Date July 30, 2001	Group Art Unit 1635

## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						

## Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AB							

## Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AC	Ekker et al., "Morphant Technology in Model Developmental Systems," <u>Genesis</u> , 2001, 30:89-93
	AD	Morcos, "Achieving Efficient Delivery of Morpholino Oligos in Cultured Cells," <u>Genesis</u> , 2001, 30:94-102
	AE	Satou et al., "Action of Morpholinos in <i>Ciona</i> Embryos," <u>Genesis</u> , 2001, 30:103-106
	AF	Audic et al., "Cyclin E Morpholino Delays Embryogenesis in <i>Xenopus</i> ," <u>Genesis</u> , 2001, 30:107-109
	AG	Nutt et al., "Comparison of Morpholino Based Translational Inhibition During the Development of <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i> ," <u>Genesis</u> , 2001, 30:110-113
	AH	Sumanas et al., "Zebrafish <i>frizzled-2</i> Morphant Displays Defects in Body Axis Elongation," <u>Genesis</u> , 2001, 30:114-118
	AI	Sumanas et al., " <i>Xenopus frizzled-7</i> Morphant Displays Defects in Dorsoventral Patterning and Convergent Extension Movements during Gastrulation," <u>Genesis</u> , 2001, 30:119-122
	AJ	Klee et al., "Target Selection for <i>Danio rerio</i> Functional Genomics," <u>Genesis</u> , 2001, 30:123-125
	AK	Karlen et al., "A Morpholino Phenocopy of the <i>cyclops</i> Mutation," <u>Genesis</u> , 2001, 30:126-128
	AL	Scholpp et al., "Morpholino-Induced Knockdown of Zebrafish Engrailed Genes <i>eng2</i> and <i>eng3</i> Reveals Redundant and Unique Functions in Midbrain-Hindbrain Boundary Development," <u>Genesis</u> , 2001, 30:129-133
	AM	Huang et al., " <i>Pdx-1</i> Knockdown Reduces Insulin Promoter Activity in Zebrafish," <u>Genesis</u> , 2001, 30:134-136
	AN	Yee et al., "Zebrafish <i>pdx1</i> Morphant Displays Defects in Pancreas Development and Digestive Organ Chirality, and Potentially Identifies a Multipotent Pancreas Progenitor Cell," <u>Genesis</u> , 2001, 30:137-140
	AO	Wallace et al., "Zebrafish <i>hhx</i> Regulates Liver Development and Digestive Organ Chirality," <u>Genesis</u> , 2001, 30:141-143
	AP	Schweickert et al., " <i>Pitx1</i> and <i>Pitx2c</i> Are Required for Ectopic Cement Gland Formation in <i>Xenopus laevis</i> ," <u>Genesis</u> , 2001, 30:144-148
	AQ	Cui et al., "Inhibition of <i>skiA</i> and <i>skiB</i> Gene Expression Ventralizes Zebrafish Embryos," <u>Genesis</u> , 2001, 30:149-153

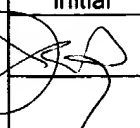
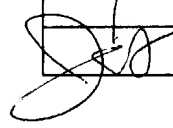
Examiner Signature

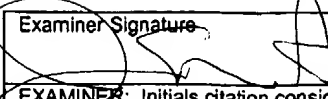
Date Considered

5-13-04

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09531-033001	Application No. 09/918,242
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Stephen C. Ekker et al.	
		Filing Date July 30, 2001	Group Art Unit 1635

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AR	Draper et al., "Inhibition of Zebrafish <i>fgf8</i> Pre-mRNA Splicing With Morpholino Oligos: A Quantifiable Method for Gene Knockdown," <i>Genesis</i> , 2001, 30:154-156
	AS	Araki et al., "Morpholino-Induced Knockdown of <i>fgf8</i> Efficiently Phenocopies the <i>Acerebellar</i> ( <i>Ace</i> ) Phenotype," <i>Genesis</i> , 2001, 30:157-159
	AT	Imai et al., "Morpholino Phenocopies of the <i>bmp2b/swirl</i> and <i>bmp7/snailhouse</i> Mutations," <i>Genesis</i> , 2001, 30:160-163
	AU	Etheridge et al., "Floor Plate Develops Upon Depletion of Tiggy-winkle and Sonic Hedgehog," <i>Genesis</i> , 2001, 30:164-169
	AV	Bingham et al., "Sonic Hedgehog and Tiggy-Winkle Hedgehog Cooperatively Induce Zebrafish Branchiomotor Neurons," <i>Genesis</i> , 2001, 30:170-174
	AW	Feldman et al., "Morpholino Phenocopies of <i>sqt</i> , <i>oep</i> , and <i>ntl</i> Mutations," <i>Genesis</i> , 2001, 30:175-177
	AX	Agathon et al., "Morpholino Knock-Down of Antivin1 and Antivin2 Upregulates Nodal Signaling," <i>Genesis</i> , 2001, 30:178-182
	AY	Braat et al., "A Zebrafish Vasa Morphant Abolishes Vasa Protein but Does Not Affect the Establishment of Germline," <i>Genesis</i> , 2001, 30:183-185
	AZ	Miller et al., "Morpholino Phenocopies of <i>endothelin 1</i> ( <i>sucker</i> ) and Other Anterior Arch Class Mutations," <i>Genesis</i> , 2001, 30:186-187
	AAA	Dutton et al., "A Morpholino Phenocopy of the <i>colourless</i> Mutant," <i>Genesis</i> , 2001, 30:188-189
	ABB	Lele et al., "Morpholino Phenocopies of the <i>swirl</i> , <i>snailhouse</i> , <i>somitabun</i> , <i>minifin</i> , <i>silberblick</i> , and <i>pipetail</i> Mutations," <i>Genesis</i> , 2001, 30:190-194
	ACC	Wang et al., "Suppression of Heat Shock Transcription Factor HSF1 in Zebrafish Causes Heat-Induced Apoptosis," <i>Genesis</i> , 2001, 30:195-197
	ADD	Coonrod et al., "A Morpholino Phenocopy of the Mouse <i>mos</i> Mutation," <i>Genesis</i> , 2001, 30:198-200

Examiner Signature 	Date Considered 5-13-04
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	